

What is claimed is:

1. An apparatus for displaying a guide line for picture adjustment in a monitor, comprising:  
a control section for recognizing a command for executing a picture adjustment mode  
from a user, and outputting commands for generating an OSD and a guideline, respectively;

5 a guideline information providing section for receiving the command for generating  
the guideline from the control section, and outputting information related to forming the  
guideline;

an image signal generator for receiving information related to forming the guideline  
from the guideline information providing section, and outputting an image signal to construct  
10 a picture including the guideline corresponding to the information related to the guideline;

an OSD generating section for receiving the command for generating the OSD from  
the control section, and outputting an OSD image signal to adjust a picture;

an image amplifying section for combining the image signal including the guideline  
outputted from the image signal generator with the OSD image signal outputted from the  
15 OSD generating section; and

a display section for displaying an output of the image amplifying section on a  
display screen.

2. The apparatus of claim 1, wherein the information related to the guideline includes at  
least one of the information on thickness and color of the guideline.

20 3. An apparatus for displaying a guide line for picture adjustment in a monitor,  
comprising:

an image signal generator for outputting an image signal to construct a picture;

a control section for recognizing a command for executing a picture adjustment mode  
from a user, identifying a command for generating an OSD for picture adjustment, and  
25 beginning and ending positions of an active region of the image signal, and outputting a  
guideline pattern signal for generating a guideline;

an OSD generating section for receiving the command for generating the OSD from  
the control section, and outputting an OSD image signal;

an image amplifying section for combining the image signal outputted from the image signal generator, the guideline pattern signal outputted from the control section, and the OSD image signal outputted from the OSD generating section, and amplifying the combined signal; and

5 a display section for displaying an output of the image amplifying section on a display screen.

4. The apparatus of claim 3, wherein the control section includes an active region detector for detecting beginning and ending positions of the active region from the image signal outputted from the image signal generator, and a guideline pattern generator for  
10 generating a guideline at the beginning and ending positions of the active region detected by the active region detector.

5. The apparatus of claim 4, wherein the active region detector is a high-speed detection IC used for auto-sizing.

6. An apparatus for displaying a guide line for picture adjustment in a monitor,  
15 comprising:

an image signal generator for generating an image signal to construct a picture;

a control section for recognizing a command for executing a picture adjustment mode from a user, and identifying a position of generating a guideline in accordance with inputted horizontal/vertical synchronous signals, and outputting a command for generating an OSD  
20 signal and the guideline signal for picture adjustment at the corresponding position;

an OSD generating section for receiving the command for generating the OSD signal and the guideline signal from the control section, and outputting the OSD signal and the guideline signal;

an image amplifying section for combining the OSD signal, the guideline signal  
25 outputted from the OSD generating section, and the image signal outputted from the image signal generator, and amplifying the combined signal; and

a display section for displaying an output of the image amplifying section on a display screen.